Registration
Managing Clark Fork River Basin Ground Water

September 27, 2006

University of Montana
Continuing Education
Room 202 & 203

Convened by
The Clark Fork River Basin Task Force
and
The Center for Riverine Science and Stream Renaturalization

Name and Address:

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Email:

Representing:

Registration Fee: **$25 per person**

Make checks payable to:
Center for Riverine Science and Stream Re-naturalization

And Mail to:
Managing Clark Fork River Basin Ground Water
Center for Riverine Science and Stream Re-naturalization
Department of Geology
32 Campus Drive
University of Montana
Missoula, MT 59812

Thank You!

Why attend this conference?

Ground water is increasingly important as a source for new water uses in the Clark Fork basin. This conference will provide important information on Clark Fork basin ground water and the tools and assessment methodologies available to manage it.

Conference objectives

- Review what is known about basin ground water.
- Discuss ground water modeling tools.
- Discuss methodologies for assessing impacts of ground water appropriations on surface and ground water supplies.
- Determine needs for more effective management of basin ground water.

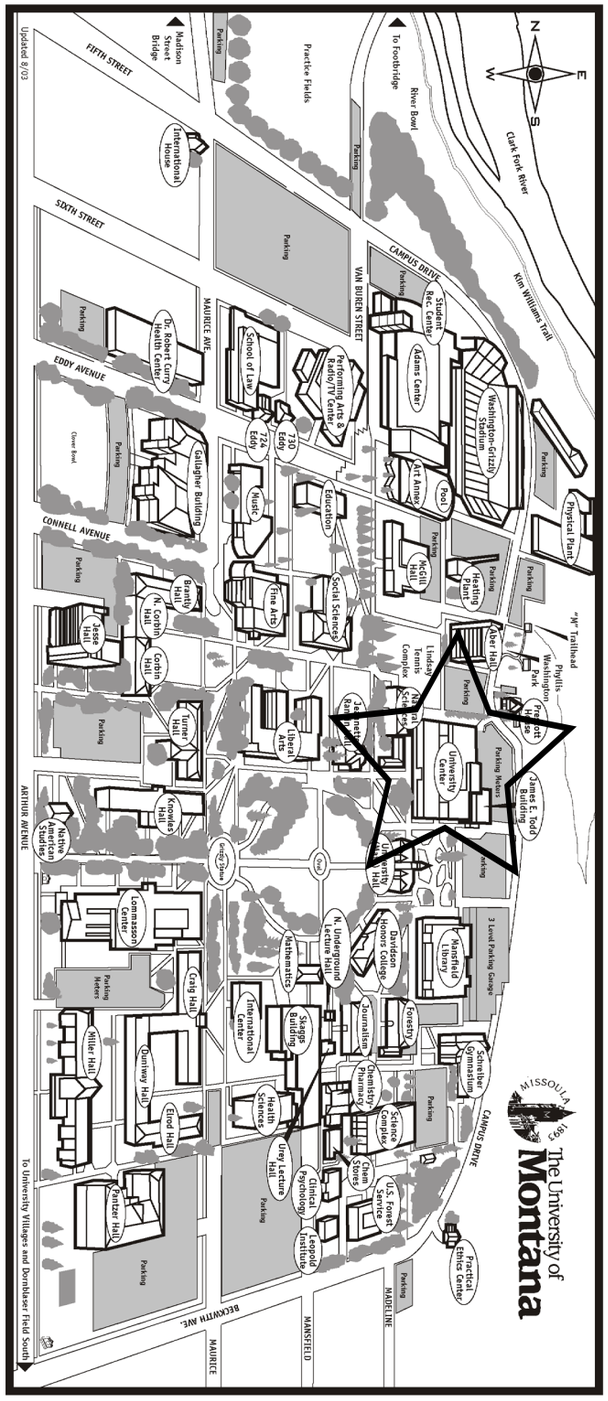
Who should attend?

Ground water researchers and local, state, and Tribal government officials and water users/water interests facing decisions involving water allocation, including:

- Academic researchers
- Engineering and consulting firms
- Hydrologists
- City and county planners
- Tribal water planners
- County planning board members
- Well drillers
- Realtors
- Builders
- Irrigation district officials
- DEQ and DNRC staff

How to Register

To registration, please see the enclosed form, or go to:
www.umt.edu/rivercenter2006Conference Registration.htm.



Clark Fork River Basin Ground Water Technical Conference

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Co-Conveners
Clark Fork River Basin Task Force

The Center for Riverine Science and Stream Re-naturalization

The University of Montana

And

Montana Department of Natural Resources and Conservation

MONTANA DNRC

Conference Agenda

7:30 AM - Registration

8:15 AM - Welcome

8:30 AM - What Do We Know About Clark Fork Basin Ground Water? Tom Patton will overview existing ground water information for the Clark Fork River basin by sub-basin.

9:15 AM - Ground Water Modeling Tools, Professor John Metesh and Professor William Woessner will discuss ground water modeling, including what it is, how it is done, what data are needed, and the kind of questions it can address.

10:45 AM - Eastern Snake River Plain Case Study, Dr. Donna Cosgrovewill present research about the water supply on the eastern Snake River Plain in southeastern Idaho.

11:30 AM - Lunch, Mary Sexton, DNRC Director, will address the significance of the recent Montana Supreme Court ruling in TU vs. DNRC for ground water development in Montana.

1:00 PM - Spokane Valley/Rathdrum Prairie Aquifer Case Study, Rod Caldwell will discuss research on the Rathdrum aquifer underlying northern Idaho and the Spokane, Washington area.

1:45 PM - Gallatin Valley Case Study, Dr. Eloise Kendy will discuss the past, present, and future roles of artificial ground water recharge in managing streamflow, based on work in the Gallatin Valley.

2:45 PM - Ground Water Management Needs, A panel will discuss what information, tools, and assessment methodologies are needed to management ground water effectively in the Clark Fork River basin.

5:00 PM - Adjourn

Conference Speakers

Tom Patton holds the position of Senior Research Hydrogeologist with MBMG, and manages MBMG's Ground Water Assessment Program.

Rod Caldwell, USGS Helena Office, who oversees USGS ground water modeling in Montana.

Dr. Donna Cosgrove is a faculty member of the Biological and Agricultural Engineering Department of the University of Idaho at Idaho Falls. She is a hydrogeologist who specializes in water supply issues on the eastern Snake River Plain in southeastern Idaho and teaches courses in Environmental Science.

Dr. Eloise Kendy is hydrogeologist and principal of Kendy Hydrologic Consulting, providing water resource assessment, hydrologic modeling, public education, and legal and policy support for sound water management.

Dr. John Metesh is Research Professor and Chief of MBMG's Research Division.

Mary Sexton is the Director of the Montana Department of Natural Resources and Conservation.

Dr. William Woessner is a Professor of Hydrogeology whose research concentrates on quantifying flow systems in intermountain valleys, resource analysis, ground water - surface water interactions, characterization of hazardous wastes and contaminant transport including virus transport, and the use of ground water flow models to evaluate conceptual models and make predictions.

Randy Overton is a hydrogeologist currently residing in Kansas. In his work over the last 30 years, he has used ground water models as an assessment tool in numerous settings to examine contamination and water supply problems.

Ground Water Management Needs Panel Participants

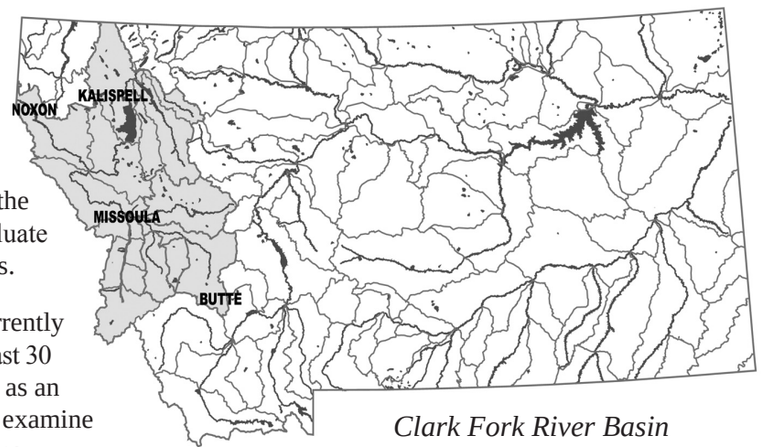
Dr. Chris Gammons is a Professor of Geological Engineering with Montana Tech. His research includes ground water geochemistry.

Steve Kilbreath is the Supervisor of the Subdividsion Review Section of the Permitting and Compliance Division of the Montana DEQ. His section reviews divisions of land to ensure proper design and location of sanitation facilities, including the water supply, sewage disposal, solid waste disposal, and storm drainage systems.

Russ Levens is a hydrologist with the DNRC Water Management Bureau and conducts studies of ground water and ground water - surface water interactions.

Tom Patton is the Senior Research Hydrogeologist and Ground Water Assessment Program Manager for MBMG.

Marc Spratt is the founder of RLK Hydro and a Task Force member. As RLK's Senior Hydrogeologist, he has worked on environmental projects since 1980 and water quality/quantity management since 1974.



Clark Fork River Basin

Clark Fork Task Force

The Task Force is a statutorily created basin water management group charged first with developing and then with implementing a water management plan for the Clark Fork River Basin in Montana. Members of the Task Force include:

- Matt Clifford, Clark Fork Coalition
- Elna Darrow, Flathead Basin Commission
- Jim Dinsmore, Granite Conservation District and Upper Clark Fork River Basin Steering Committee
- Holly Franz, PPL Montana
- Harvey Hackett, Bitter Root Water Forum
- Nate Hall, Avista
- Arvid Hiller, Mountain Water Company
- Fred Lurie, Blackfoot Challenge
- Gail Patton, Sanders County Commissioner
- Bill Slack, Flathead Irrigation District Joint Board of Control
- Marc Spratt, RLK Hydro and Flathead Conservation District
- James Steele, Jr., Chairman, Confederated Salish and Kootenai Indian Tribes

Ex Officio Members include:

- Rep. Verdell Jackson, House District 6
- Rep. Joey Jayne, House District 15
- Sen. Jim Shockley, Senate District 45

The Center for Riverine Science and Stream Re-naturalization

The Center is an interdisciplinary research group advancing our knowledge of natural stream function and developing methods and procedures to mitigate impacted stream systems. It is housed in the University of Montana Department of Geology.